INTERNATIONAL SEARCH REPORT

Intern al Application No PCT/US2004/028674

A. CLASSIFICATION OF SUBJECT MATTER IPC 7 C08K7/20 C08K C08K3/40 C08K3/08 C08K7/00 According to International Patent Classification (IPC) or to both national classification and IPC B. FIELDS SEARCHED Minimum documentation searched (classification system followed by classification symbols) IPC 7 C08K Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched Electronic data base consulted during the international search (name of data base and, where practical, search terms used) EPO-Internal, WPI Data C. DOCUMENTS CONSIDERED TO BE RELEVANT Citation of document, with indication, where appropriate, of the relevant passages Relevant to claim No. X US 3 171 827 A (DE VRIES EDUARD R ET AL) 1 - 142 March 1965 (1965-03-02) column 1, line 49 - column 2, line 12 column 4, lines 41-43 column 5, lines 18-34,45-52 X US 4 610 808 A (KLEINER LOTHAR W) 1 - 149 September 1986 (1986-09-09) examples 1,2; table A X US 5 252 632 A (SAVIN RONALD R) 1-3 12 October 1993 (1993-10-12) claims 1-6; examples 3,4 X US 6 525 111 B1 (ANDREWS JOHN W ET AL) 1-3 25 February 2003 (2003-02-25) claims 1-10; example 2 -/--X Further documents are listed in the continuation of box C. Patent family members are listed in annex. Special categories of cited documents: *T* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the *A* document defining the general state of the art which is not considered to be of particular relevance Invention "E" earlier document but published on or after the international "X" document of particular relevance; the claimed invention filing date cannot be considered novel or cannot be considered to involve an inventive step when the document is taken atone "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified) document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art. document referring to an oral disclosure, use, exhibition or document published prior to the international filing date but later than the priority date claimed "&" document member of the same patent family Date of the actual completion of the international search Date of mailing of the international search report 10 December 2004 17/12/2004 Name and mailing address of the ISA Authorized officer European Patent Office, P.B. 5818 Patentiaan 2 NL - 2280 HV Rijswijk Tel. (+31-70) 340-2040, Tx. 31 651 epo nl, Fax: (+31-70) 340-3016 Zeslawski, W

INTERNATIONAL SEARCH REPORT

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| | PCT/U | S2004/028674 |

| | | PC1/US2004/0286/4 |
|------------|---|-----------------------|
| | tion) DOCUMENTS CONSIDERED TO BE RELEVANT | |
| Category ° | Citation of document, with indication, where appropriate, of the relevant passages | Relevant to claim No. |
| A | US 4 192 576 A (LAIRD JAMES A ET AL) 11 March 1980 (1980-03-11) the whole document | 1-14 |
| Α | US 5 476 612 A (BLAETTNER SUSANNE ET AL) 19 December 1995 (1995-12-19) the whole document | 1-14 |
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INTERNATIONAL SEARCH REPORT

Thiormation on patent family members

Intern Pal Application No PCT/US2004/028674

| Patent document cited in search report | | Publication date | | Patent family member(s) | Publication date |
|--|-----|------------------|------|-------------------------|------------------|
| US 3171827 | A . | 02-03-1965 | NONE | | |
| US 4610808 | Α | 09-09-1986 | AU | 1693183 A | 26-01-1984 |
| | | | EP | 0099573 A1 | |
| | | | JP | 59030837 A | 18-02-1984 |
| | | | ZA | 8305213 A | 28-03-1984 |
| US 5252632 | Α | 12-10-1993 | DE | 69313875 D1 | 16-10-1997 |
| | | | EΡ | 0698066 A1 | |
| | | | WO | 9411448 A1 | . 26-05-1994 |
| US 6525111 | B1 | 25-02-2003 | US | 6242056 B1 | . 05-06-2001 |
| | | | AU | 5688299 A | 03-04-2000 |
| • | | | EP | 1115502 AI | |
| • | | | JP | 2002524614 T | 06-08-2002 |
| | | | WO | 0015351 A1 | 23-03-2000 |
| US 4192576 | Α | 11-03-1980 | AT | 385980 B | 10-06-1988 |
| | | | ΑT | 737979 A | 15–11–1987 |
| | | | BE | 880116 A | |
| | | | CA | 1122412 A | |
| | | | DE | 2946973 A | |
| | | | FR | 2441591 A1 | |
| | | | GB | 2035996 A | |
| | | | IT | 1164138 B | 08-04-1987 |
| | | | JP | 55075938 A | 07-06-1980 |
| | | | US | 4348312 A | 07-09-1982 |
| US 5476612 | Α | 19-12-1995 | DE | 3943420 A | |
| | | | AT | 158438 T | 15-10-1997 |
| | | | CA | 2048602 A | |
| | | | DE | 59010761 D | |
| | | | DK | 461232 T | |
| | | | MO | 9110237 A | |
| | | | EP | 0461232 A | |
| | | | ES | 2108041 T | |
| | | | JP | 4505941 T | 15-10-1992 |
| | | | JP | 3056247 B | |
| | | | KR | 187568 B | 1 15-06-1999 |